ABSTRACT OF THE DISCLOSURE

5   A SCSI initiator system includes a Packetized
SCSI Protocol hardware packet engine that
automatically transmits Packetized SCSI protocol
command blocks to a SCSI target with substantially
zero latency between the transmission of adjacent
10   command blocks. The packet engine operates
independently of any other hardware circuits in the
SCSI initiator that are capable of command management.
The SCSI initiator system includes a target execution
queue containing at least one hardware I/O control
15   block for a SCSI target. The target execution queue
is stored in a memory. The system also includes a
Packetized SCSI Protocol hardware packet engine
coupled to the target execution queue. The Packetized
SCSI Protocol hardware packet engine generates
20   Packetized SCSI Protocol packets using information in
the at least one hardware I/O control block directly.